

*Attorney Docket No.: F071*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO: 10/055,320

ART UNIT: 2825

APPLICANTS: Neil J. Bassom et al.

EXAMINER: Renzo Rocchegiani

FILING DATE: January 23, 2002

TITLE: Fabrication of High Resistivity Structures Using Focused Ion Beams

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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DEC 24 2003

**OFFICIAL**

**RESPONSE TO OFFICE ACTION**

In response to the September 23, 2003 Office action, applicants request reconsideration and respond in the following sections. A fee statement is attached authorizing the Examiner to withdraw \$168.00 from the deposit account of Applicants' representative in order to pay for two independent claims in addition to those paid for in the original filed application.

2 **Amendments to the Claims** are reflection in the listing of claims which begins on page

**Remarks/Arguments** begin on page 7 of this paper

CERTIFICATE OF FACSIMILE

I hereby certify that this paper or fee is being transmitted via facsimile (703) 872-9306 to the Commissioner for Patents, on the 24th. day of December 2003.

By:   
Name: Erik R. Nordstrom

**MICHAEL O. SCHEINBERG**  
Patent Attorney

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DEC 24 2003

December 24, 2003

**Fax**

**OFFICIAL**

Name: Renzo Rocchegiani  
Organization: United States Patent and Trademark Office  
Fax: 1-703-872-9306

From: Michael O. Scheinberg  
PO Box 164140  
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Date: December 23, 2003  
Subject: Response to Office Action  
Pages: 13 (including this coversheet)

APPL. NO: 10/055,320                      ART UNIT: 2825  
APPLICANTS: Neil J. Bassom et al.      EXAMINER: Renzo Rocchegiani  
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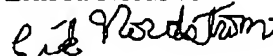
Comments:

Dear Sir or Madam:

In Connection with the above-identified patent application, applicants submit the following:

Response to Office Action  
Fee Statement for Additional Independent Claims  
Request for One Month Extension (2)

Erik R. Nordstrom



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PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 278.00**Complete If Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/055,320        |
| Filing Date          | January 23, 2002  |
| First Named Inventor | Neil J. Bassom    |
| Examiner Name        | Renzo Rocchegiani |
| Art Unit             | 2825              |
| Attorney Docket No.  | F071              |

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

50-1635

Michael O. Scheinberg

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid         |
|----------------------------|----------------------------|------------------------|------------------|
| 1001 750                   | 2001 375                   | Utility filing fee     |                  |
| 1002 330                   | 2002 165                   | Design filing fee      |                  |
| 1003 520                   | 2003 260                   | Plant filing fee       |                  |
| 1004 750                   | 2004 375                   | Reissue filing fee     |                  |
| 1005 160                   | 2005 80                    | Provisional filing fee |                  |
| <b>SUBTOTAL (1)</b>        |                            |                        | <b>(\$)</b> 0.00 |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** =      | X              |          |
| Multiple Dependent | -3** = 2     | X 84           | = 168    |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |
| 1201 84                    | 2201 42                    | Independent claims in excess of 3                          |
| 1203 280                   | 2203 140                   | Multiple dependent claim, if not paid                      |
| 1204 84                    | 2204 42                    | ** Reissue independent claims over original patent         |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051 130                   | 2051 65                    | Surcharge - late filing fee or oath  |          |
| 1052 50                    | 2052 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130                   | 1053 130                   | Non-English specification  |          |
| 1812 2,520                 | 1812 2,520                 | For filing a request for ex parte reexamination                            |          |
| 1804 920*                  | 1804 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*                | 1805 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251 110                   | 2251 55                    | Extension for reply within first month                                     | 110.00   |
| 1252 410                   | 2252 205                   | Extension for reply within second month                                    |          |
| 1253 930                   | 2253 465                   | Extension for reply within third month                                     |          |
| 1254 1,450                 | 2254 725                   | Extension for reply within fourth month                                    |          |
| 1255 1,970                 | 2255 985                   | Extension for reply within fifth month                                     |          |
| 1401 320                   | 2401 160                   | Notice of Appeal   |          |
| 1402 320                   | 2402 160                   | Filing a brief in support of an appeal                                     |          |
| 1403 280                   | 2403 140                   | Request for oral hearing   |          |
| 1451 1,510                 | 1451 1,510                 | Petition to Institute a public use proceeding                              |          |
| 1452 110                   | 2452 55                    | Petition to revive - unavoidable   |          |
| 1453 1,300                 | 2453 650                   | Petition to revive - unintentional   |          |
| 1501 1,300                 | 2501 650                   | Utility issue fee (or reissue)   |          |
| 1502 470                   | 2502 235                   | Design issue fee   |          |
| 1503 630                   | 2503 315                   | Plant issue fee  |          |
| 1460 130                   | 1460 130                   | Petitions to the Commissioner  |          |
| 1807 50                    | 1807 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180                   | 1806 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021 40                    | 8021 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809 750                   | 2809 375                   | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 750                   | 2810 375                   | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 750                   | 2801 375                   | Request for Continued Examination (RCE)                                    |          |
| 1802 900                   | 1802 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

|                   |                       |                                   |                   |           |              |
|-------------------|-----------------------|-----------------------------------|-------------------|-----------|--------------|
| Name (Print/Type) | Erik R. Nordstrom     | Registration No. (Attorney/Agent) | 39,792            | Telephone | 512/238-7253 |
| Signature         | <i>Erik Nordstrom</i> | Date                              | December 24, 2003 |           |              |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.